

5 <110> BASF Aktiengesellschaft

10 <120> Clp-protease as target for herbicides

<130> 20030949

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20 <170> PatentIn version 3.1

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Lys Leu Ile Ser Pro Pro Leu Arg Thr Thr Ser Pro Ser Pro Leu Arg
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Ser Gln Leu Leu Leu Leu Asp Ala Lys Asp Pro Lys Lys Asp Ile Lys
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Asn Pro Pro Val Met Pro Ser Val Met Thr Pro Gly Gly Pro Leu Asp
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Ser Pro Asn Phe Ser Phe Ala Thr Ser Val His Ser Cys Arg Pro Asn
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Glu Thr Val Gly Met Glu Ser Glu Gly Phe Ala Ile Tyr Asp Ser Leu
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23

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	Gly	Ala	Lys	Leu	Arg	Ala	Glu	Ser	Leu	Asn	Pro	Leu	Asn	Phe	Ser	Ser	
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	Ser	Lys	Pro	Lys	Arg	Gly	Val	Val	Thr	Met	Val	Ile	Pro	Phe	Ser	Lys	
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	Gly	Ser	Ala	His	Glu	Gln	Pro	Pro	Pro	Asp	Leu	Ala	Ser	Tyr	Leu	Phe	
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	Glu	Leu	Ile	Leu	Ala	Glu	Phe	Leu	Tyr	Leu	Gln	Tyr		Glu	Asp	Glu	
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	Gly	Tyr	Val	Lys	Pro	Pro	Ile	Phe	Thr	Leu	Cys	Val	Gly	Asn	Ala	Trp	
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55	ggc	gaa	gct	gct	ttg	ctt	ctg	act	gct	ggc	gca	aaa	gga	aat	cga	tct	686
	Gly	Glu	Ala	Ala	Leu	Leu	Leu	Thr	Ala	Gly	Ala	Lys	Gly	Asn	Arg	Ser	
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	Ala	Leu	Pro	Ser	Ser	Thr	Ile	Met	Ile	Lys	Gln	Pro	Ile	Ala	Arg	Phe	
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	Gln	Gly	Gln	Ala	Thr	Asp	Val	Glu	Ile	Ala	Arg	Lys	Glu	Ile	Lys	His	
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	Ile	Lys	Thr	Glu	Met	Val	Lys	Leu	Tyr	Ser	Lys	His	Ile	Gly	Lys	Ser	
	240					245					250					255	
75	ccg	gag	cag	att	gaa	gct	gac	atg	aaa	cgc	ccg	aaa	tat	ttt	agt	ccc	878
	Pro	Glu	Gln	Ile	Glu	Ala	Asp	Met	Lys	Arg	Pro	Lys	Tyr	Phe	Ser	Pro	
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24

Thr Glu Ala Val Glu Tyr Gly Ile Ile Asp Lys Val Val Tyr Asn Glu
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 Leu Ile
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45 Phe Leu Ser Pro Tyr Thr Gly Gly Ser Ile Ser Ser Asp Leu Cys Gly
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		Ser Ser Lys Arg Phe Tyr Gly Val Ile Pro Met Val Ile Glu His Ser	
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		Arg Ile Ile Cys Ile Asn Gly Pro Ile Asp Asp Ser Thr Ser His Val	
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70		gat tat ttc atg aca cct gaa gag gcg aag gag ttt gga ata atc gat	680
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75		gaa gtt ata gat gaa cga cca atg gct tta gta act gat gct gtt gca	728
		Glu Val Ile Asp Glu Arg Pro Met Ala Leu Val Thr Asp Ala Val Ala	
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Val Met Ile His Gln Pro Phe Gly Gly Tyr Ser Gly Gln Ala Lys Asp
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5 Asp Leu Tyr Ala Lys His Thr Gly Gln Pro Ile Glu Ile Ile Gln Lys
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10 Asn Met Asp Arg Asp Tyr Phe Met Thr Pro Glu Glu Ala Lys Glu Phe
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 Arg His Lys Ile Asp Lys Met Tyr Val Ala Phe Thr Asp Gln Pro Ile
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